



NITFS Compliance Registration



Product: Active Earthscape Increment 3 Version 2.1

Sponsor: NGA St. Louis

Developer: Harris Corporation

Date: 12 FEB 2010

Expiration: 11 FEB 2012

Registration #: 1039

- ☐ Initial Registration
☐ Supplemental/Update #
☒ Derived from Reg. # 1035

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level						
NITF 2.1 CLEVEL						
	3	5	6	7		
Interpret						
Generate						
NITF 2.0 CLEVEL						
	1	2	3	4	5	6 Oth
Interpret						
Generate						

Configurations Tested:

NITFS Features Implemented:

Format

- NITF**
☒ 2.1
☐ 2.0
☐ 1.1

- NSIF**
☐ 1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☒ No compression
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ HISTOA
☒ J2KLRA
☒ PRODHA
☒ PIAIMC
☒ RPC00B
☒ STDIDC
☒ USE00A
☒ DIGEST TREs

Legend

- Interpret Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.